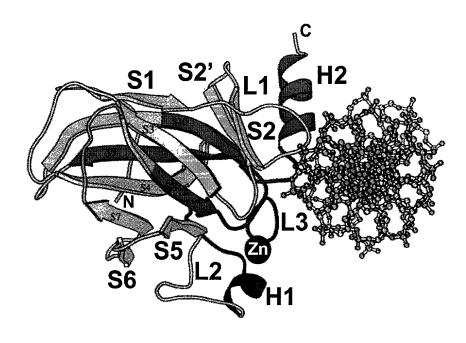
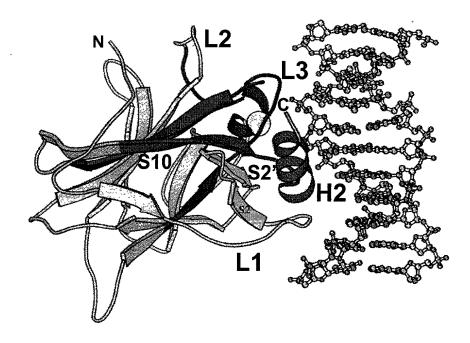
FIGURE 1A





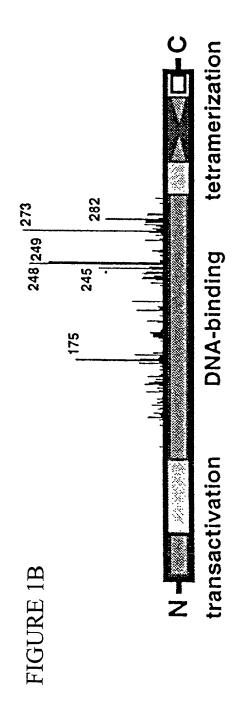


FIGURE 2A

Native p53 ORF (in pRB16)

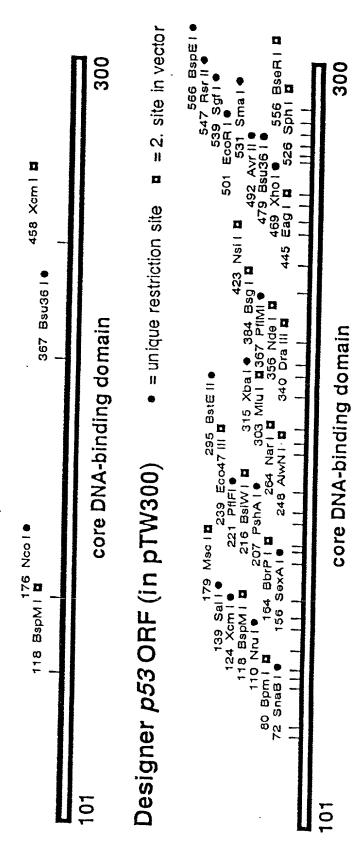
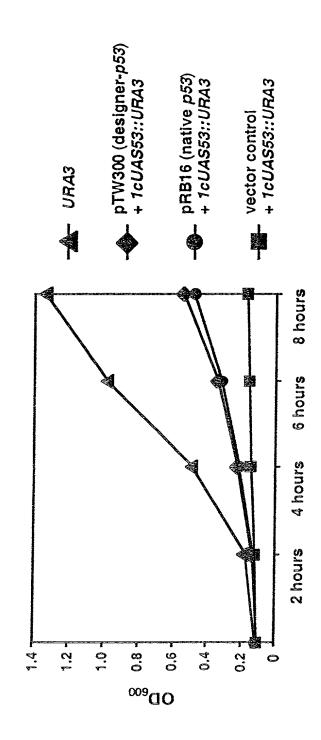


FIGURE 2B

pRB16 (native p53) + 1cUAS53::URA3 vector control + 1cUAS53::URA3 pTW300 (designer-*p53*) + 1cUAS53::URA3

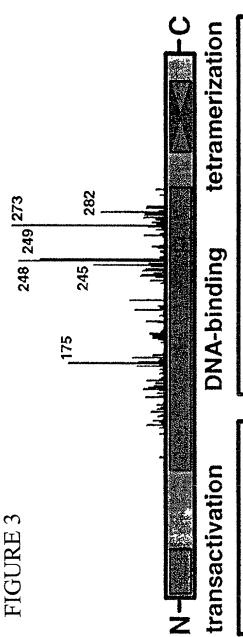
SC -His +Foa SC -Ura SC -His pRB16 (native p53) + ura3-52

FIGURE 2C



ANJOO ON GONNA CONNA CON

FIGURE 2D



Primary Analysis for Suppressor Mutations

 Arg175His
 8

 Gly245Ser
 8

 Arg248Gln
 p53 mutants

 Arg249Ser
 1492/6645

 Arg273Cys
 22%

 Arg2827rp
 Arg2827rp

Subcloning Analysis

Gly245Cys Arg248Leu Arg249Met Val272Met Arg273Leu Pro278Leu Glu285Lys Glu286Lys Arg280Thr Tyr205Cys Tyr220Cys Ser241Phe yr234Cys Cys238Tyr Gly245Asp His179Arg His179Tyr Met237Ile Cys176Phe Cys135Tyr Val157Phe Arg158Leu Tyr163Cys Cys141Tyr Val173Leu Pro151Ser Val173Met

27 p53 mutants

961/6645